

## Date\_\_\_\_\_

Designed by

Soil Name

[illegible]

Total Surface Area,  $A_T$  \_\_\_\_\_  $\text{ft}^2$     Total  $A_{1500}$  \_\_\_\_\_  $\text{ft}^2$     Total  $A_{750}$  \_\_\_\_\_  $\text{ft}^2$

$A_T$	= Total surface area	= _____	ft <sup>2</sup>
$A_{1500}$	= Total surface area with $R_e \leq 1500$ ohm-cm	= _____	ft <sup>2</sup>
$A_{750}$	= Total surface area with $R_e \leq 750$ ohm-cm	= _____	ft <sup>2</sup>

$$\frac{A_{1500}}{A_T} \times 100 = \underline{\hspace{2cm}} \times 100 = \underline{\hspace{2cm}} \%2/ \qquad \frac{A_{750}}{A_T} \times 100 = \underline{\hspace{2cm}} \times 100 = \underline{\hspace{2cm}} \%3/$$

Class of Coating Required     A or B     4/  
(circle one)

- 1/ From Preliminary Resistivity Survey  
2/ if  $\geq 20\%$  Use Class A Coating  
3/ if  $> 10\%$  Use Class A Coating

## Use Class B Coatings for All Other Soil Conditions

4/ See Montana Field Office Technical Guide, Practice Standard, Irrigation Water Conveyance (Steel Pipeline), pages 430-FF-6/7 for a description of Class A and B Coatings.